Manhole In	spection Summary	Manhole # S21A038MH
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Inspection	☐ Is Incomplete Rating: 4) Poor	
Record Plat: 21	1A Node: 038 Status: Found	Insp Date: 9/14/07 9:13 AM
Incomplete Comments Crew: ADS4		Crew: ADS4
		Inspector: ADS4
		Firm: <b>ADS</b>
Location	Address: 624 MOUNT ST	Cross Street: HARLEM-SUMMIT
Manhole	Type: Junction Location: Roadway	Ground Conditions: Dry
	☐ Prev. Rehab Weather: <b>Dry</b>	Subject To Ponding: None
Comments		
Cover	Shape: Circular Diameter: 24 (in.)	
	Type: Sanitary Condition: Sound	Cover Material: Cast Iron
Properties: Bolted Vented Water Tight Water Tight Insert		
Frame	Offset: 1 (in.) Condition: ✓ Sound	☐ Cracked ☐ Leaks
Chimney / Frame Adjustment		
Condition: ☐ Sound ✓ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated		
Infiltration: ☐ None ☐ Joint ✓ Cracks ✓ Mortar ☐ Roots ☐ Wall		
Corbel	Material: <b>Brick</b>	Type: Concentric/Eccentric
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐	Loose Brick
Infiltration:	☐ None ☐ Joint ☐ Cracks ☐ Mortar	☐ Roots ✓ Wall
Barrel	Material: <b>Brick</b>	
Shape:	Circular Diameter: 48 (in.) Length:	(in.)
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐	Loose Brick
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mortar	☐ Roots ☐ Wall
Bench	✓ Exists Material: <b>Brick</b>	Parged
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐	Deteriorated    Leaks    Debris
Channel	Material: <b>Brick</b>	
Channel Exposure: Fully Open Junc Dist: 1.5 nearest .5 ft. Azimuth: 60		
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐	Deteriorated    Leaks    Debris
Steps Count: 2 Missing: 2 Corroded		
Surcharge	Evidence Of Surcharge Depth: (ft.) [	Active Surcharge Present

# **Manhole Inspection Summary**

## Manhole # S21A\_\_038MH

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**Location View** 



Defect 4



**CORRODED AND MISSING STEPS** 

Defect 2



CRACKED CHIMNEY WITH INFILTRATION EVIDENCE FROM THE CRACK AND MORTAR

Top View



Defect 3



INFILTRATION OF THE CORBEL WALL

Defect 1



FRAME OFFSET and deteriorated corbel

### **Manhole Inspection Summary**

### Manhole # S21A 038MH

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#### 8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

☐ Pipe Lined

Invert Depth: 8.74 (ft.) Flow Characteristics: None

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

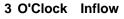
Silt Depth: Deposits Extent: (in.)

Infiltration: None Pipe Seal Cond: Sound Drop: None

Connects To: Manhole

Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock





Pipe Height: **7.2** (in.) Rod and Bar (Angled)

Pipe Material: Clay ☐ Pipe Lined

Invert Depth: 8.31 (ft.) Flow Characteristics: None

Deposits: ☐ None ✓ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 1 Deposits Extent: Light (in.)

Infiltration: None Pipe Seal Cond: Sound Drop: None

Connects To: Connecting Node Not **Available** 

Possible Illicit Connection

## **Manhole Inspection Summary**

## Manhole # S21A\_\_038MH

6 O'Clock Inflow

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8 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Infiltration: None Pipe Seal Cond: Sound

Pipe Seal Cond: **Sound** Possible Illicit Connection